

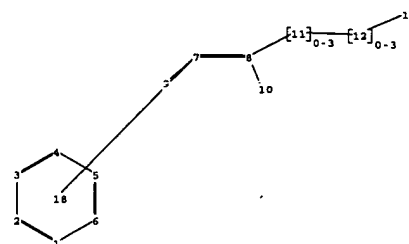
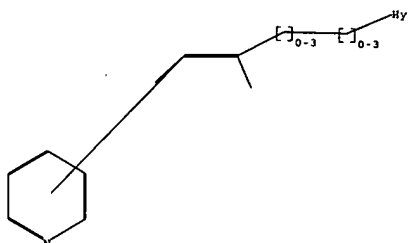
**FILE ORDERING**  
order patent files results



Wednesday  
5/29/02  
1:46:03 PM  
WFO1003PR

Serial# 09/431700 File order accepted

Place another order



chain nodes :

7 8 9 10 11 12 13

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8 7-9 8-10 8-11 11-12 12-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

12-13

exact bonds :

7-8 7-9 8-10 8-11 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:Atom 18:CLASS

Element Count :

Node 13: Limited

N,N1

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/Caplus and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:36:31 ON 29 MAY 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09/845,526

V. Balasubramanian

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:36:40 ON 29 MAY 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6  
DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 098455264.str

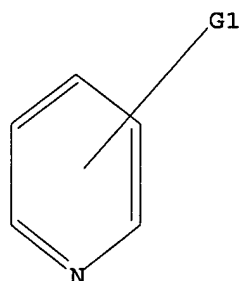
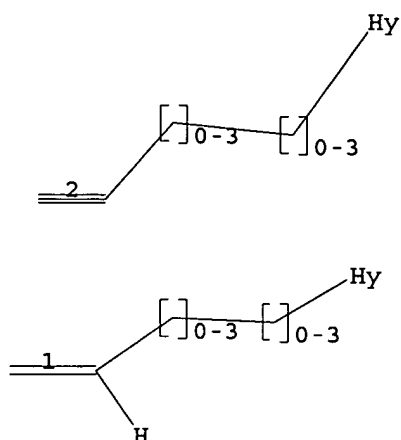
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

•



G1 [@1] , [@2]

Structure attributes must be viewed using STN Express query preparation.

```
=> s ll sss sam
SAMPLE SEARCH INITIATED 12:37:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 63589 TO ITERATE
```

```

1.6% PROCESSED      1000 ITERATIONS                      1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:   EXCEEDS 1000000
PROJECTED ANSWERS:      EXCEEDS   793

```

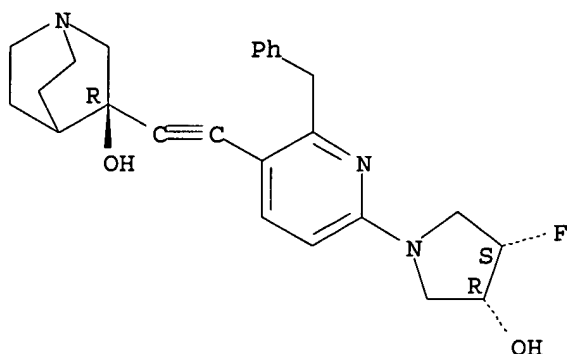
L2                      1 SEA SSS SAM L1

=> d scan

```
L2 1 ANSWERS  REGISTRY  COPYRIGHT 2002 ACS
IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[[6-[(3S,4R)-3-fluoro-4-hydroxy-1-
MF C25 H28 F N3 O2
pyrrolidinyl]-2-(phenylmethyl)-3-pyridinyl]ethynyl]-, (3R)- (9CI)
```

Absolute stereochemistry.

V. Balasubramanian



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.38

0.59

STN INTERNATIONAL LOGOFF AT 12:37:24 ON 29 MAY 2002

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

• PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	6	Mar 08	Gene Names now available in BIOSIS
NEWS	7	Mar 22	TOXLIT no longer available
NEWS	8	Mar 22	TRCTHERMO no longer available
NEWS	9	Mar 28	US Provisional Priorities searched with P in CA/Caplus and USPATFULL
NEWS	10	Mar 28	LIPINSKI/CALC added for property searching in REGISTRY
NEWS	11	Apr 02	PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS	12	Apr 08	"Ask CAS" for self-help around the clock
NEWS	13	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	14	Apr 09	ZDB will be removed from STN
NEWS	15	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS

V. Balasubramanian

NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:39:08 ON 29 MAY 2002

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:39:26 ON 29 MAY 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6  
DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>  
Uploading 098455264.str

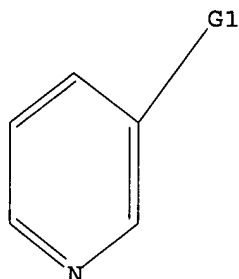
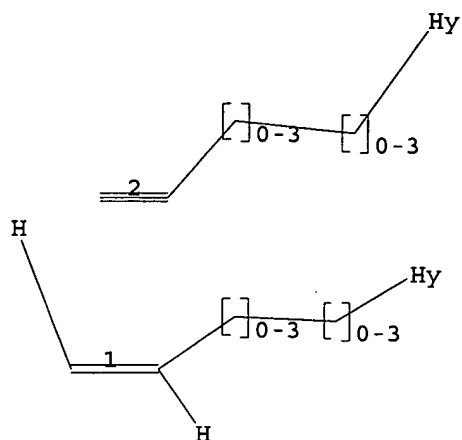
L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS

09/845,526

V. Balasubramanian

L1 STR



G1 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 12:39:53 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 23844 TO ITERATE

4.2% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 467671 TO 486089  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.38	0.59

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 12:40:06 ON 29 MAY 2002



V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update  
frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS  
and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:46:15 ON 29 MAY 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

09/845,526

V. Balasubramanian

it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

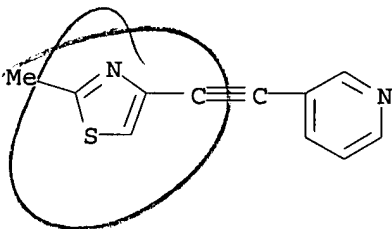
ENTER DISPLAY FORMAT (IDE):end

=> d scan

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN Pyridine, 3-[(2-methyl-4-thiazolyl)ethynyl]- (9CI)

MF C11 H8 N2 S



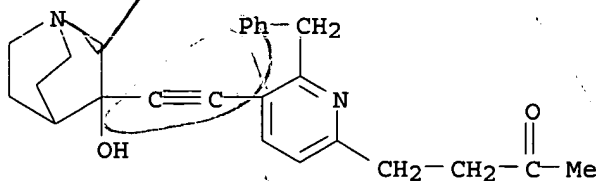
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Butanone, 4-[5-[(3-hydroxy-1-azabicyclo[2.2.2]oct-3-yl)ethynyl]-6-(phenylmethyl)-2-pyridinyl]- (9CI)

MF C25 H28 N2 O2



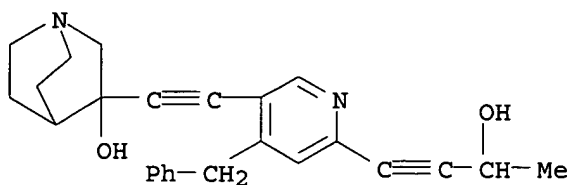
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[[6-(3-hydroxy-1-butynyl)-4-(phenylmethyl)-3-pyridinyl]ethynyl]- (9CI)

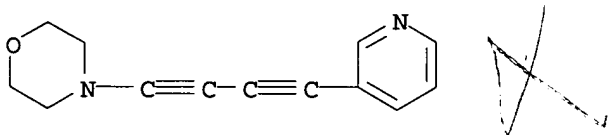
MF C25 H26 N2 O2

V. Balasubramanian



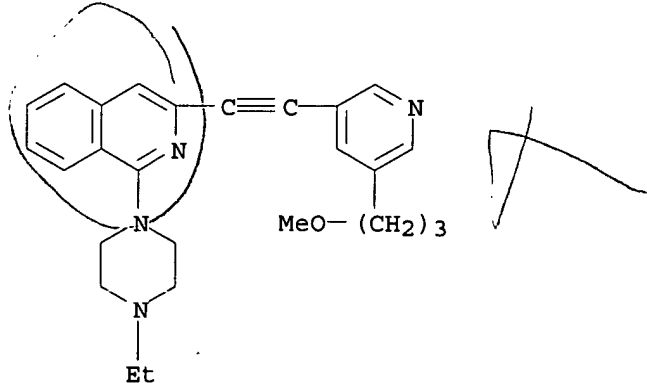
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Morpholine, 4-[4-(3-pyridinyl)-1,3-butadiynyl]- (9CI)  
MF C13 H12 N2 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Isoquinoline, 1-(4-ethyl-1-piperazinyl)-3-[[5-(3-methoxypropyl)-3-pyridinyl]ethynyl]- (9CI)  
MF C26 H30 N4 O  
CI COM

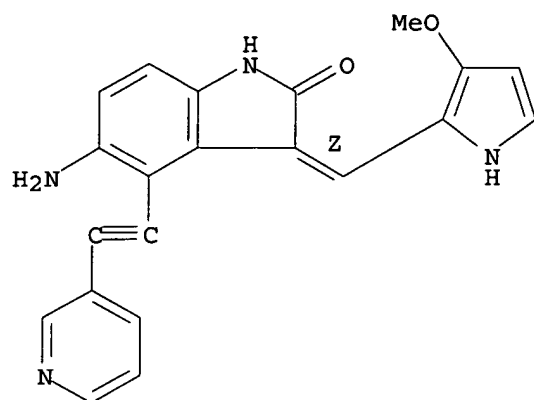


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 2H-Indol-2-one, 5-amino-1,3-dihydro-3-[(3-methoxy-1H-pyrrol-2-yl)methylene]-4-(3-pyridinylethynyl)-, (3Z)- (9CI)  
MF C21 H16 N4 O2

Double bond geometry as shown.

V. Balasubramanian



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.76

0.97

STN INTERNATIONAL LOGOFF AT 12:47:32 ON 29 MAY 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/Caplus and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:21:10 ON 29 MAY 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

09/845,526

V. Balasubramanian

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:21:21 ON 29 MAY 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6  
DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

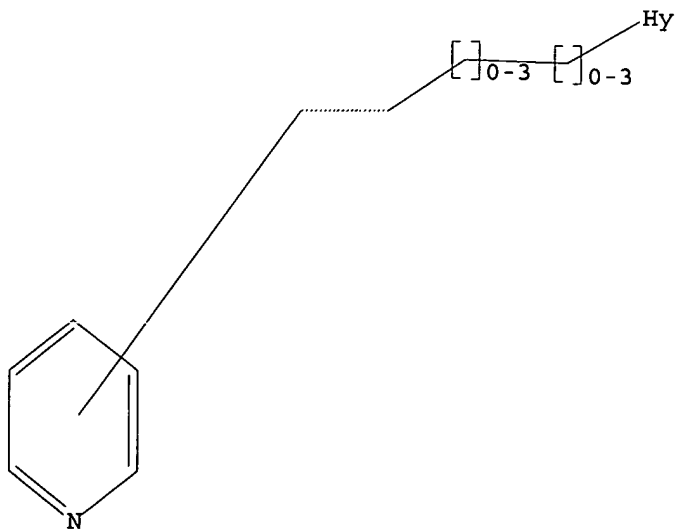
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>  
Uploading 098455263.str

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 12:21:44 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 63153 TO ITERATE

09/845,526

V. Balasubramanian

1.6% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

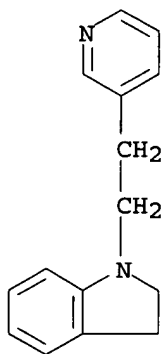
20 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 23130

L2 20 SEA SSS SAM L1

=> d scan

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Indoline, 1-[2-(3-pyridyl)ethyl]- (7CI)  
MF C15 H16 N2  
CI COM



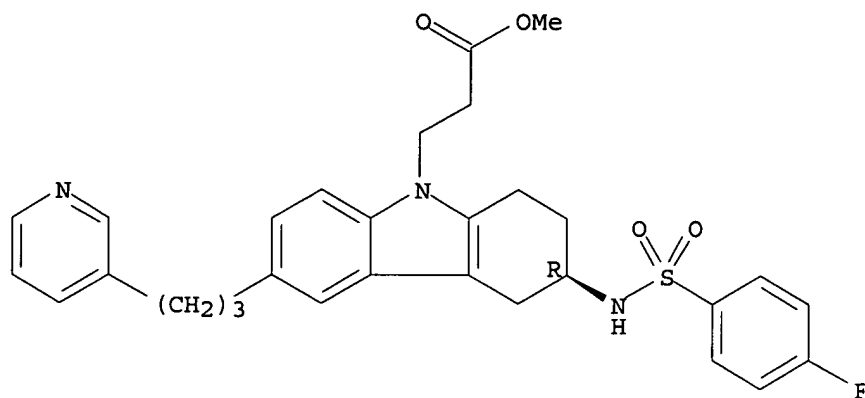
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):19

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 9H-Carbazole-9-propanoic acid, 3-[[[4-fluorophenyl)sulfonyl]amino]-1,2,3,4-tetrahydro-6-[3-(3-pyridinyl)propyl]-, methyl ester, monohydrochloride, (R)- (9CI)  
MF C30 H32 F N3 O4 S . Cl H

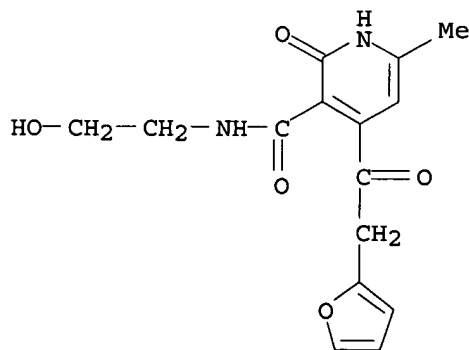
Absolute stereochemistry.

•



● HCl

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 3-Pyridinecarboxamide, 4-(2-furanylacetyl)-1,2-dihydro-N-(2-hydroxyethyl)-  
6-methyl-2-oxo- (9CI)  
MF C15 H16 N2 O5

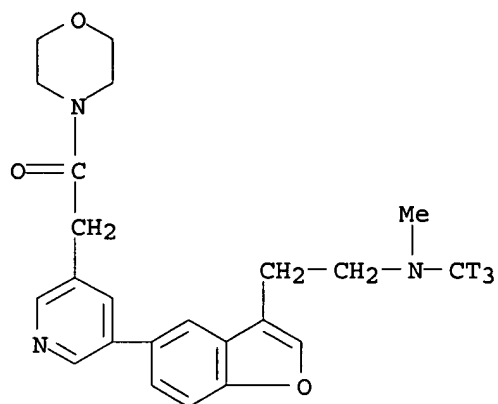


**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

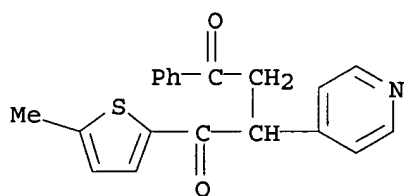
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Morpholine, 4-[[5-[3-[2-(methylmethyl-t3-amino)ethyl]-5-benzofuranyl]-3-  
pyridinyl]acetyl]- (9CI)  
MF C23 H24 N3 O3 T3



V. Balasubramanian



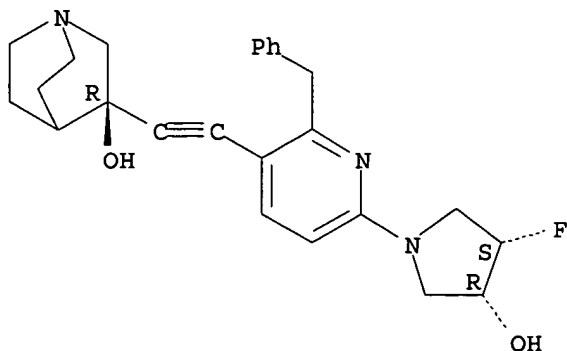
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1,4-Butanedione, 1-(5-methyl-2-thienyl)-4-phenyl-2-(4-pyridinyl)- (9CI)  
 MF C20 H17 N O2 S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[[6-[(3S,4R)-3-fluoro-4-hydroxy-1-pyrrolidinyl]-2-(phenylmethyl)-3-pyridinyl]ethynyl]-, (3R)- (9CI)  
 MF C25 H28 F N3 O2

Absolute stereochemistry.

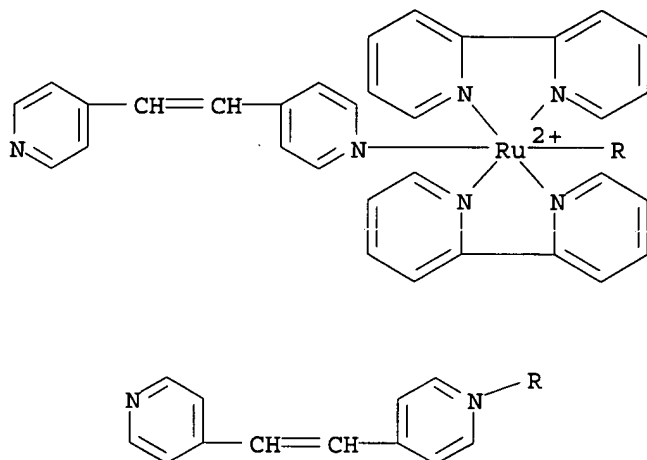


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

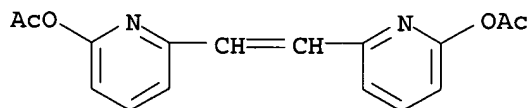
09/845,526

•

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Ruthenium(2+), bis(2,2'-bipyridine-N,N')bis[4,4'-(1,2-ethenediyl)bis[pyridine]-N]-, (OC-6-21)- (9CI)  
MF C44 H36 N8 Ru  
CI CCS, COM

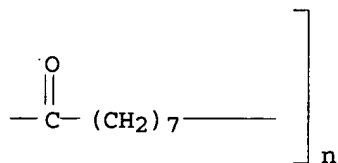
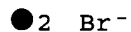
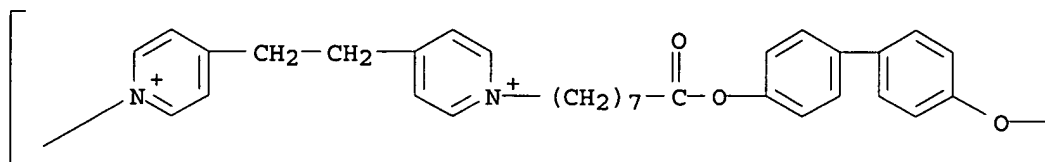


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 2-Pyridinol, 6,6'-(1,2-ethenediyl)bis-, diacetate (ester) (9CI)  
MF C16 H14 N2 O4



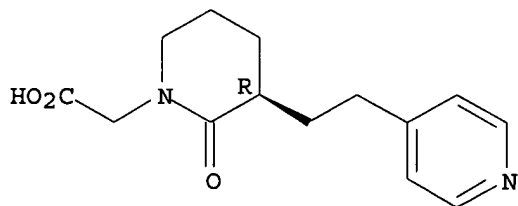
\*\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Poly[pyridinium-1,4-diyl-1,2-ethanediylpyridinium-4,1-diyl(8-oxo-1,8-octanediyl)oxy[1,1'-biphenyl]-4,4'-diyloxy(1-oxo-1,8-octanediyl)dibromide] (9CI)  
MF (C40 H48 N2 O4)n . 2 Br  
CI PMS



L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1-Piperidineacetic acid, 2-oxo-3-[2-(4-pyridinyl)ethyl]-, (3R)- (9CI)  
 MF C14 H18 N2 O3  
 CI COM

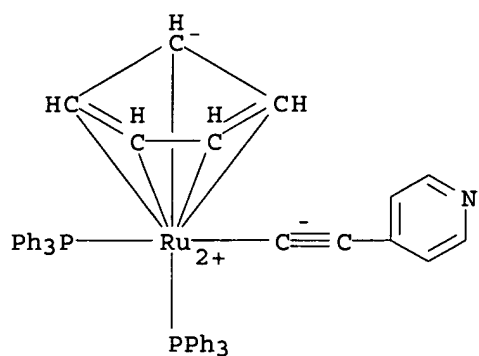
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN Ruthenium, (.eta.5-2,4-cyclopentadien-1-yl)(4-pyridinylethynyl)bis(triphenylphosphine)- (9CI)  
 MF C48 H39 N P2 Ru  
 CI CCS, COM

V. Balasubramanian

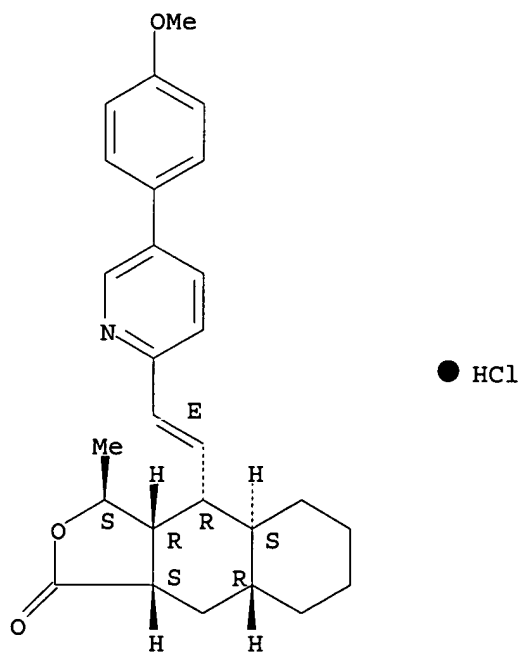


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN Naphtho[2,3-c]furan-1(3H)-one, decahydro-4-[(1E)-2-[5-(4-methoxyphenyl)-2-pyridinyl]ethenyl]-3-methyl-, hydrochloride, (3S,3aR,4R,4aS,8aR,9aS)-(9CI)

MF C27 H31 N O3 . Cl H

Absolute stereochemistry.  
Double bond geometry as shown.

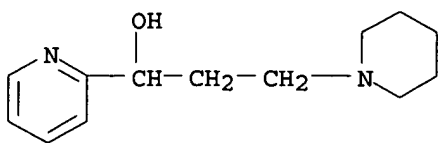


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Pyridinemethanol, .alpha.-[2-(1-piperidinyl)ethyl]- (9CI)

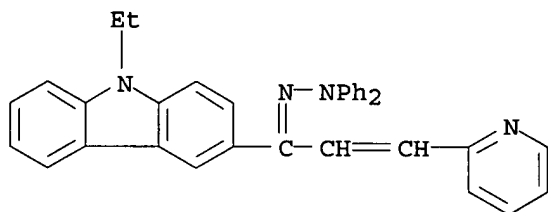
MF C13 H20 N2 O

V. Balasubramanian



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

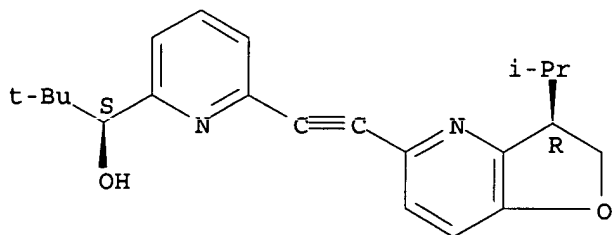
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 2-Propen-1-one, 1-(9-ethyl-9H-carbazol-3-yl)-3-(2-pyridinyl)-,  
diphenylhydrazone (9CI)  
MF C34 H28 N4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 2-Pyridinemethanol, 6-[[[2,3-dihydro-3-(1-methylethyl)furo[3,2-b]pyridin-5-yl]ethynyl]-.alpha.-(1,1-dimethylethyl)-, [S-(R\*,S\*)]- (9CI)  
MF C22 H26 N2 O2

Absolute stereochemistry.

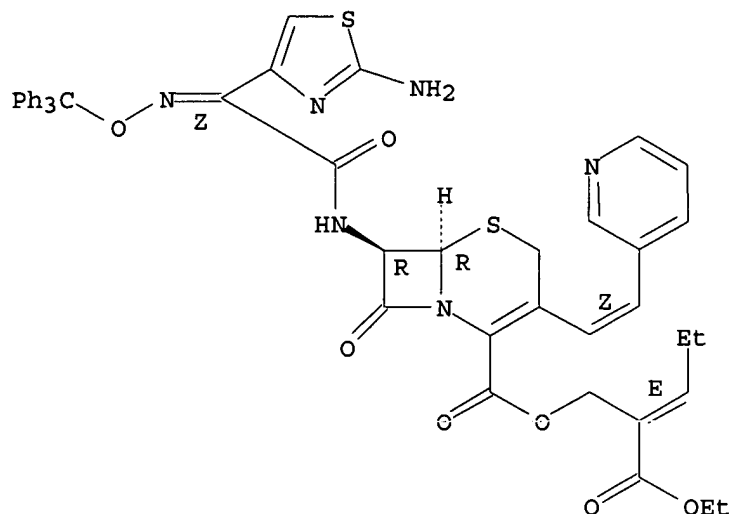


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,  
7-[[[(2-amino-4-thiazolyl)[(triphenylmethoxy)imino]acetyl]amino]-8-oxo-3-[2-(3-pyridinyl)ethenyl]-, 2-(ethoxycarbonyl)-2-pentenyl ester,  
[6R-[2(E),3(Z),6.alpha.,7.beta.(Z)]]- (9CI)  
MF C46 H42 N6 O7 S2

V. Balasubramanian

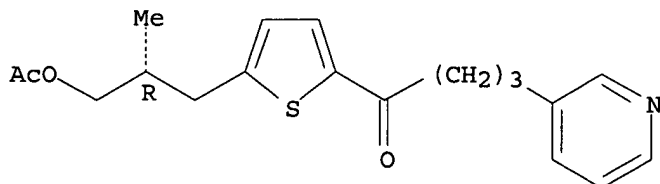
Absolute stereochemistry.  
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

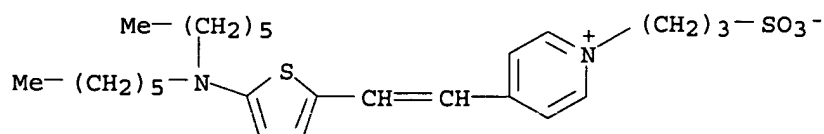
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 1-Butanone, 1-[5-[(2R)-3-(acetyloxy)-2-methylpropyl]-2-thienyl]-4-(3-pyridinyl)- (9CI)  
MF C19 H23 N O3 S

Absolute stereochemistry.



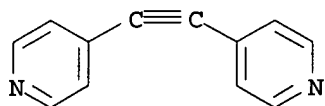
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Pyridinium, 4-[2-[5-(dihexylamino)-2-thienyl]ethenyl]-1-(3-sulfopropyl)-, inner salt (9CI)  
MF C26 H40 N2 O3 S2

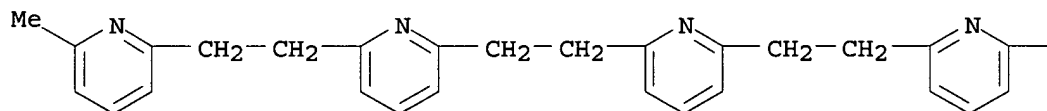


V. Balasubramanian

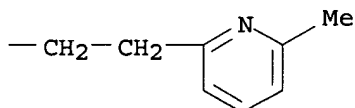
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN Pyridine, 4,4'-(1,2-ethynediyl)bis-, radical ion(1-) (9CI)  
MF C12 H8 N2  
CI RIS



L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
IN 2-Picoline, 6,6'-[2,6-pyridinediylbis(ethylene-6,2-pyridinediylethylene)]di- (8CI)  
MF C35 H37 N5



PAGE 1-A



PAGE 1-B

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.38

0.59

STN INTERNATIONAL LOGOFF AT 12:22:14 ON 29 MAY 2002

V. Balasubramanian

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:46:24 ON 29 MAY 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6  
DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

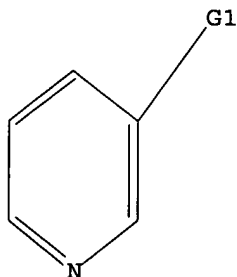
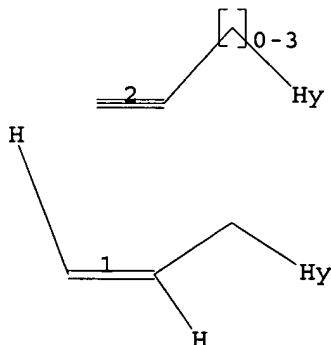
Uploading 098455264.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

09/845,526



V. Balasubramanian

=> s l1 sss sam

SAMPLE SEARCH INITIATED 12:46:48 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4069 TO ITERATE

24.6% PROCESSED 1000 ITERATIONS

6 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 77557 TO 85203

PROJECTED ANSWERS: 192 TO 784

L2 6 SEA SSS SAM L1

=> d san

'SAN' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN  
  
CALC - Table of numeric properties  
PROP - Same as CALC  
  
ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL  
  
IABS --ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented  
  
OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels  
  
SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when

09/845,526